Table 22. Temporal and spatial distribution of tropical systems affecting NERRs between 1995-2000. ET = extra-tropical; TD = tropical depression; TS = tropical storm; H = hurricane. Shaded box indicates no data available.

	PR	Gulf			Southeast				Mid-Atlantic				Interior		Northeast			
	JOB	RKB	WKB	APA	SAP	ACE	NIW	NOC	CBV	CBM	DEL	MUL	OWC	HUD	NAR	WQB	GRB	WEL
1995																		
Hurricane Allison				TS	TD	ET	ET	ET										
Hurricane Erin			H	H														
Tropical Storm Jerry				TD														
Hurricane Opal			H	H									ET	ET				
Hurricane Marilyn	H																	
1996																		
Tropical Storm Arthur								TS										
Hurricane Bertha	H							H	TS	TS	TS	TS			TS	TS	TS	TS
Hurricane Fran							H	H					TD	ET				
Hurricane Hortense	H																	
Tropical Storm Josephine				TS	ET	ET	ET	ET							ET	ET		
1997																		
Hurricane Danny			H						TS									
1998																		
Hurricane Bonnie	H							H	H									
Hurricane Earl				H		ET	ET	ET	ET									
Hurricane Georges	H	H	TD	TD														
Hurricane Mitch		TS																
1999																		
Hurricane Dennis								H	H					ET				
Hurricane Floyd								H	H	H	TS	TS			TS	TS	TS	ET
Tropical Storm Harvey		TS																
Hurricane Irene		H																
Hurricane Jose	TS																	
Hurricane Lenny	H																	
2000																		
Hurricane Debby	H																	
Hurricane Gordon		H		TS	TD	ET			ET	ET	ET	ET			ET	ET		
Tropical Storm Helene	TD		TS	TS					ET									

Since no noticeable changes in parameters monitored or data were not collected for a total of 29 data sets, these data sets were excluded from analyses. No data were collected for an additional 3 data sets for water temperature, 3 data sets for salinity, 2 data sets for depth, 24 data sets for turbidity, 11 data sets for DO, and 6 data sets for pH (Table 23).

Noticeable changes were observed for at least one parameter in 99 data sets. Noticeable changes in water temperature were observed in 71 data sets (74%), salinity in 56 data sets (58%), depth in 65 data sets (67%), turbidity in 39 data sets (52%), DO in 23 data sets (26%), and pH in 37 data sets (40%). In 80% of the data sets, effects from tropical systems were observed one day prior to the system passing the NERR or on the day of passage (range = 5 days before to 2 days after).